



**ADVISORY COMMITTEE COMMENT FORM**  
**FOR PROPOSED CODE CHANGES**  
(This form must be submitted electronically)

**IRC-55, MR 1309.0802**

*Author/requestor:* Rick Davidson

*Email address:* rdavidson@ci.maple-grove.mn.us

*Telephone number:* 763-494-6061

*Firm/Association affiliation, if any:* Self

---

**Proposed Code Change - Language**

~~1309.0802 SECTION 802, WOOD ROOF FRAMING.~~

~~IRC Section R802.10.5 is amended to read as follows:~~

~~**R802.10.5 Truss to wall connection.** Trusses shall be connected to wall plates by the use of fasteners or connectors having a resistance to uplift of not less than the value listed on the truss design drawings.~~

**Proposed Code Change – Need and Reason**

The text proposed for deletion has been rewritten and renumbered in the 2012 IRC. The IRC text is provided for reference.

**R802.11 Roof tie-down.**

**R802.11.1 Uplift resistance.** Roof assemblies shall have uplift resistance in accordance with Sections R802.11.1.2 and R802.11.1.3. Where the uplift force does not exceed 200 pounds, rafters and trusses spaced not more than 24 inches (610 mm) on center shall be permitted to be attached to their supporting wall assemblies in accordance with Table R602.3(1). Where the basic wind speed does not exceed 90 mph, the wind exposure category is B, the roof pitch is 5:12 or greater, and the roof span is 32 feet (9754 mm) or less, rafters and trusses spaced not more than 24 inches (610 mm) on center shall be permitted to be attached to their supporting wall assemblies in accordance with Table R602.3(1).

**R802.11.1.2 Truss uplift resistance.** Trusses shall be attached to supporting wall assemblies by connections capable of resisting uplift forces as specified on the truss design drawings. Uplift forces shall be permitted to be determined as specified by Table R802.11, if applicable, or as determined by accepted engineering practice.

**R802.11.1.3 Rafter uplift resistance.** Individual rafters shall be attached to supporting wall assemblies by connections capable of resisting uplift forces as determined by Table R802.11 or as determined by accepted engineering practice. Connections for beams used in a roof system shall be designed in accordance with accepted engineering practice.

**Proposed Code Change – Cost/Benefit Analysis**

This proposal will have no impact on the cost of construction.

## Other Factors to Consider Related to Proposed Code Change

1. Is this proposed code change meant to:

☐ change language contained in a published code book? If so, list section(s).

☒ change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

**1309.0802 SECTION 802, WOOD ROOF FRAMING.**

☐ delete language contained in a published code book? If so, list section(s).  
2012 IRC section R323

☐ delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

☐ neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation.  
No

3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.  
No

4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code.  
No

5. Who are the parties affected or segments of industry affected by this proposed code change?  
Code officials, building designers, contractors, building owners

6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result.  
No

7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement.  
No